

031904
1114 U.S. PTOUTILITY
PATENT APPLICATION
TRANSMISSIONOur Docket No.:
34098/US/2 463077-00270

Date: March 19, 2004

First Named Inventor: Shannon Marshall

Title: GENERATING PROTEIN PRO-DRUGS USING
REVERSIBLE PPG LINKAGES

Express Mail No.: EV 424739018 US

22264 U.S. PTO
10/811492
031904ADDRESS TO: Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450APPLICATION ELEMENTS

1. Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status

3. Specification Total Pages: 20

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claims
- Abstract of the Disclosure

4. Drawings (35 U.S.C. 113) Total Sheets:

5. Oath or Declaration Total Pages:

- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
 - 1. **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))

6. Application Data Sheet (37.C.F.R. 1.76)

7.. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statement verifying identify of above copies

9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10. Assignment Papers (cover sheet & document(s))

11. 37 C.F.R. 3.73(b) Submission

12. Power of Attorney

13. English Translation Document (if applicable)

14. Information Disclosure Statement
(with Copies of Citations as necessary)

15. Preliminary Amendment Total Pages:

16. Return Receipt Postcard
(Should be specifically itemized)

17. Certified Copy of Priority document(s)
(if foreign priority is claimed)

18. Other

ACCOMPANYING APPLICATION PARTS

19. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
 Continuation Division Continuation-in-part (CIP) Utility Conversion Application claiming benefit of priority under 35 U.S.C. §119(e) to U.S. Provisional Patent Application Serial No. 60/456094, filed March 19, 2004:

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

| | | | |
|-----------|---|----------------------------------|----------------------|
| ATTY NAME | Robin M. Silva Reg. No. 38,304 | SIGNATURE: <i>Robin M. Silva</i> | DATE: March 19, 2004 |
| ADDRESS | DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187 | | |
| TELEPHONE | (415) 781-1989 | | |
| FAX | (415) 398-3249 | | |

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**APPLICATION
FEE TRANSMITTAL SHEET
(FY 2004)**

| <i>Complete if Known</i> | |
|--------------------------|-------------------------|
| Application No. | TBD |
| Filing Date | March 19, 2004 |
| First Named Inventor | Shannon Marshall |
| Group Art Unit | TBD |
| Examiner Name | TBD |
| Atty. Docket Number | 34098/US/2 463077-00270 |

| METHOD OF PAYMENT (Check One) | | | FEE CALCULATION (Continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>50-2319</u> Deposit Account Name: <u>DORSEY & WHITNEY LLP</u></p> <p><input type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input type="checkbox"/> Check Enclosed</p> | | | <p style="text-align: center;">3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Large Entity Fee</th> <th style="text-align: center;">Small Entity Fee</th> <th style="text-align: center;">Fee Description</th> <th style="text-align: center;">Fee paid</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td style="text-align: center;">130</td> <td style="text-align: center;">65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td></td> </tr> <tr> <td style="text-align: center;">180</td> <td style="text-align: center;">180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 10px;">110 55 Extension for reply within first month</td> </tr> <tr> <td colspan="4" style="text-align: center;">420 210 Extension for reply within second month</td> </tr> <tr> <td colspan="4" style="text-align: center;">950 475 Extension for reply within third month</td> </tr> <tr> <td colspan="4" style="text-align: center;">1,480 740 Extension for reply within fourth month</td> </tr> <tr> <td colspan="4" style="text-align: center;">2010 1005 Extension for reply within fifth month</td> </tr> <tr> <td colspan="4" style="text-align: center;">770 385 Submission After Final 1.129</td> </tr> <tr> <td colspan="4" style="text-align: center;">330 165 Notice of Appeal</td> </tr> <tr> <td colspan="4" style="text-align: center;">330 165 Filing a brief in support of an appeal</td> </tr> <tr> <td colspan="4" style="text-align: center;">290 145 Request for oral hearing</td> </tr> <tr> <td colspan="4" style="text-align: center;">110 55 Terminal Disclaimer Fee</td> </tr> <tr> <td colspan="4" style="text-align: center;">130 130 Petitions to the Commissioner</td> </tr> <tr> <td colspan="4" style="text-align: center;">50 50 Petitions related to provisional applications</td> </tr> <tr> <td colspan="4" style="text-align: center;">1,330 665 Utility/Reissue Issue Fee (including advance copies)</td> </tr> <tr> <td colspan="4" style="text-align: center;">480 240 Design Issue Fee (inc. advance copies)</td> </tr> <tr> <td colspan="4" style="text-align: center;">770 385 Request for Continued Examination (RCE)</td> </tr> <tr> <td colspan="4" style="text-align: center;">300 300 Publication fee for early, voluntary, or normal publication</td> </tr> <tr> <td colspan="4" style="text-align: center;">300 300 Publication fee for re-publication</td> </tr> <tr> <td colspan="4" style="text-align: center;">110 55 Petition to Revive - unavoidable</td> </tr> <tr> <td colspan="4" style="text-align: center;">1,330 665 Petition to Revive - unintentional</td> </tr> <tr> <td colspan="6" style="text-align: center; padding-top: 10px;">OTHER FEE (specify):</td> </tr> <tr> <td colspan="6" style="text-align: center; padding-top: 10px;">Subtotal (3)</td> </tr> <tr> <td colspan="6" style="text-align: right; padding-top: 10px;">Total Amount of Payment: \$385.00</td> </tr> </tbody> </table> | | | Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | | 180 | 180 | Submission of IDS | | 40 | 40 | Recording each patent assignment per property (times number of properties) | | 110 55 Extension for reply within first month | | | | 420 210 Extension for reply within second month | | | | 950 475 Extension for reply within third month | | | | 1,480 740 Extension for reply within fourth month | | | | 2010 1005 Extension for reply within fifth month | | | | 770 385 Submission After Final 1.129 | | | | 330 165 Notice of Appeal | | | | 330 165 Filing a brief in support of an appeal | | | | 290 145 Request for oral hearing | | | | 110 55 Terminal Disclaimer Fee | | | | 130 130 Petitions to the Commissioner | | | | 50 50 Petitions related to provisional applications | | | | 1,330 665 Utility/Reissue Issue Fee (including advance copies) | | | | 480 240 Design Issue Fee (inc. advance copies) | | | | 770 385 Request for Continued Examination (RCE) | | | | 300 300 Publication fee for early, voluntary, or normal publication | | | | 300 300 Publication fee for re-publication | | | | 110 55 Petition to Revive - unavoidable | | | | 1,330 665 Petition to Revive - unintentional | | | | OTHER FEE (specify): | | | | | | Subtotal (3) | | | | | | Total Amount of Payment: \$385.00 | | | | | |
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| 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 180 | 180 | Submission of IDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 55 Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 420 210 Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 950 475 Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,480 740 Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2010 1005 Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 385 Submission After Final 1.129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 165 Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 165 Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 145 Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 55 Terminal Disclaimer Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 130 Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 50 Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 300 300 Publication fee for early, voluntary, or normal publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 300 Publication fee for re-publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 55 Petition to Revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,330 665 Petition to Revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER FEE (specify): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount of Payment: \$385.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Subtotal (1) 385.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 18 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | 43 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 | 145 | Multiple dependent Claim | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | 42 | Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Submitted by:

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| Name: Robin M. Silva | Reg. No.: 38,304 | Telephone: |
| DORSEY & WHITNEY LLP | Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187 | Customer Number 32940 |
| Signature: <u>Robin M. Silva</u> | | Date: March 19, 2004 |